

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

<b>Attorney Docket Number</b>	3382-55844-01
<b>Application Number</b>	09/401,068
<b>Filing Date</b>	September 22, 1999
<b>First Named Inventor</b>	Gersho
<b>Art Unit</b>	2654
<b>Examiner Name</b>	Angela A. Armstrong

## U.S. PATENT DOCUMENTS

Copies of U.S. Patent documents do not need to be provided, unless requested by the Patent and Trademark Office. For patents, provide the patent number and the issue date. For published U.S. applications, provide the publication number and the publication date. For unpublished pending patent applications, provide the application number and the filing date.

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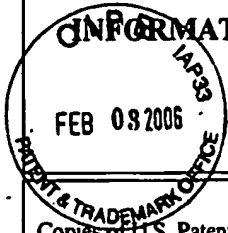
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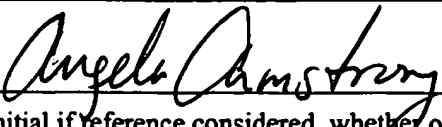
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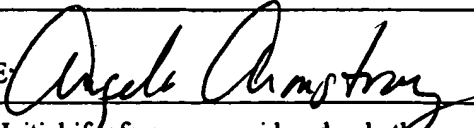
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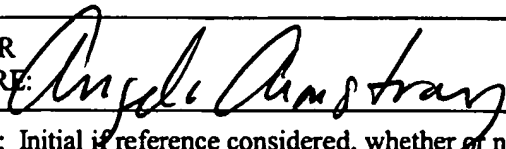
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	Attorney Docket Number	3382-55844-01
	Application Number	09/401,068
	Filing Date	September 22, 1999
	First Named Inventor	Gersho et al.
	Art Unit	2654
	Examiner Name	Angela A. Armstrong

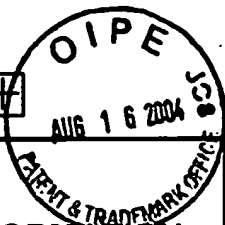
Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS
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AAA		SAUNDERS, J., "Real Time Discrimination of Broadcast Speech/Music," <i>Proceedings of IEEE International Conference on Acoustics, Speech, and Signal Processing</i> , Vol. 2, pp. 993-996 (May 1996).
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AAA		Tasaki et al., "Spectral Postfilter Design Based on LSP Transformation," 0-7803-4073-6/97 IEEE, pp. 57-58 (1997).
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AAA		Wang et al., "A 1200/2400 BPS Coding Suite Based on MELP," Proc. IEEE Workshop on Speech Coding, 2002, pp. 90-92 (2002).

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		Art Unit	2654
		Examiner Name	Angela A. Armstrong
<b>Examiner's Initials*</b>	<b>Cite No. (optional)</b>	<b>OTHER DOCUMENTS</b>	
AAA		Wang et al., "Performance Comparison of Intraframe and Interframe LSF Quantization in Packet Networks," Proc. IEEE Workshop on Speech Coding, 2000, pp. 126-128 (2000).	
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<b>EXAMINER SIGNATURE:</b> 	<b>DATE CONSIDERED:</b> 7/25/04
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**SUPPLEMENTAL INFORMATION  
DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet

1

of

Attorney Docket Number

**Complete if Known**

Application Number

**09/401.068**

Filing Date

**September 22, 1999**

First Named Inventor

**GERSHO, et al.**

### Group Art Unit

2654

**Examiner Name**

**Angela Armstrong**

Attorney Docket Number

**210874**

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

## OTHER - NON PATENT LITERATURE DOCUMENTS


Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Translation	
			Yes	No**
AAA	A U	MOUY, B., ET AL., "NATO Stang 4479: A Standard for an 800 BPS Vocoder and Channel Coding in HF-ECCM System", in <i>Proceedings of the IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)</i> , May 9, 1995, pp. 480-483		
AAA	A V	WANG, Tian et al., "A 1200 BPS Speech Coder Based on MELP", in <i>Proceedings of the IEEE International Conference on Acoustics, Speech and Signal Processing</i> , June 2000, pp. 1375-1378		

**Examiner Signature**

**Date Considered**

7/25/00

- \* A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).
- \* An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

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Sheet	1	of	2
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<b>Application Number</b>	<b>09/401,068</b>
<b>Filing Date</b>	<b>September 22, 1999</b>
<b>First Named Inventor</b>	<b>GERSHO, et al.</b>
<b>Group Art Unit</b>	<b>2654</b>
<b>Examiner Name</b>	<b>A. Armstrong</b>
<b>Attorney Docket Number</b>	<b>210874</b>

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## U.S. PATENT DOCUMENTS

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			Yes	No**
AAA	AD	GERSHO, A., "Advances In Speech and Audio Compression", <i>Proceedings of the IEEE</i> , Vol. 82(6):900-918 (June 1994).		
AAA	AE	McCREE, et al., "A 2.4 KBIT/S MELP Coder Candidate for the New U.S. Federal Standard", <i>1996 IEEE International Conference on Acoustics, Speech, and Signal Processing Conference Proceedings</i> , Atlanta, GA (Cat. No. 96CH35903), Vol. 1, pp. 200-203, 7-10 May 1996.		
AAA	AF	SUPPLEE, L.M., et al., "MELP: The New Federal Standard at 2400 BPS", <i>1997 IEEE International Conference on Acoustics, Speech and Signal Processing Proceedings</i> (Cat. No. 97CB36052), Munich, Germany, Vol. 2, pp. 21-24, April 1997.		

**Examiner Signature**

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Application Number 09/401,068  
Filing Date September 22, 1999  
First Named Inventor GERSHO, et al.  
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			Yes	No**
AAA	AG	McCREE, A.V., et al., "A Mixed Excitation LPC Vocoder Model for Low Bit Rate Speech Coding", <i>IEEE Transaction on Speech and Audio Processing</i> , Vol. 3(4):242-250 (July 1995).		
AAA	AH	SUPPLEE, Lyn M. et al., "MELP: THE NEW FEDERAL STANDARD AT 2400 BPS", <i>IEEE</i> 1997, pp. 1591-1594 in lieu of the following which we are unable to obtain <u>Specification for the Analog to Digital Conversation of Voice by 2,400 Bit/Second Mixed Excitation Linear Prediction FIPS, Draft document of proposed Federal Standard, dated May 28, 1998.</u>		
AAA	AI	GERSHO, A., et al., "Vector Quantization and Signal Compression", Dordrecht, Netherlands.: Kluwer Academic Publishers, 1992, xxii+732pp.		
AAA	AJ	LeBLANC, W.P., et al., "Efficient Search and Design Procedures for Robust Multi-Stage VQ of LPC Parameters for 4 KB/S Speech Coding". In <i>IEEE Trans. Speech &amp; Audio Processing</i> , Vol. 1, pp. 272-285, (October 1993).		
AAA	AK	MOUY, B.M.; De La NOURE, P.E., "Voice Transmission at a Very Low Bit Rate on A Noisy Channel: 800 BPS Vocoder with Error Protection to 1200 BPS", <i>ICASSP-92: 1992 IEEE International Conference on Acoustics, Speech, and Signal</i> , San Francisco, CA, USA, 23-26 March 1992, New York, NY, USA: <i>IEEE</i> , 1992 Vol. 2, pp. 149-152.		
AAA	AL	MOUY, B. et al., "Nato Stanag 4479: A Standard For An 800 BPS Vocoder and Channel Coding In HF-ECCM System", 1995 International Conference on Acoustics, Speech, and Signal Processing Conference Proceedings, Detroit MI, USA, 9-12 May 1999; New York, NY, USA: <i>IEEE</i> , 1995, Vol. 1, pp. 480-483.		
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AAA	AP	NOMURA, T.; IWADARE, M.; SERIZAWA, M.; OZAWA, K., "a Bitrate and Bandwidth Scalable Celp Coder", <i>ICASSP 1998 International Conference on Acoustics, Speech, and Signal</i> , Seattle, WA, USA, 12-15 May 1998, <i>IEEE</i> , 1998, Vol. 1, pp. 341-344.		

Examiner Signature

*Angela Armstrong*

Date Considered

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